



## KENTUCKY DEPARTMENT OF EDUCATION

### ADVISORY GROUP MEETING SUMMARY

### COMMITTEE FOR MATHEMATICS ACHIEVEMENT (CMA)

**MEETING DATE: FEBRUARY 23, 2018**

#### **ADVISORY GROUP MEMBERS/GUESTS PRESENT:**

- ☒ Commissioner of Education – Dr. Stephen Pruitt (Pamela Pickens)
- ☒ President of the Council on Postsecondary Education – Dr. Robert King (Sue Cain)
- ☒ President of the Association of Independent Kentucky College and Universities – Dr. Gary Cox (Sarah Murray)
- ☒ Executive Director of the Education Professional Standards Board – Jimmy Adams
- ☒ Secretary of the Education and Workforce Development Cabinet – Hal Heiner (Wayne Lewis)
- Representative from each of the 9 public postsecondary education institutions defined by KRS 164.001
  - ☒ University of Kentucky – Dr. David Royster
  - ☒ University of Louisville – Dr. Jenny Bay-Williams
  - ☒ Eastern Kentucky University – Dr. Margaret Yoder
  - ☒ Kentucky State University – Dr. Karen Heavin
  - ☒ Morehead State University – Dr. Edna O. Schack
  - ☒ Murray State University – Dr. Molly Williams
  - ☒ Northern Kentucky University – Dr. Theodore Hodgson
  - ☐ Western Kentucky University – Dr. Natasha Gerstenschlager
  - ☒ Kentucky Community and Technical College System – Jason Taylor
- ☒ Kentucky Adult Education – Pam Callahan
- ☒ Kentucky Adult Education – Donnie Osborn
- ☐ Elementary Teacher appointed by the Kentucky Education Association – Bonnie Humphries
- ☒ Elementary Teacher appointed by the Kentucky Education Association – Scotty Bratcher
- ☐ Middle School Teacher appointed by the Kentucky Education Association – Cindy White
- ☐ Middle School Teacher appointed by the Kentucky Education Association – Suzanne Gibbs
- ☐ High School Teacher appointed by the Kentucky Education Association – Nick Chaykowsky
- ☒ High School Teacher appointed by the Kentucky Education Association – Ryan Davis
- ☐ Elementary School Administrator appointed by the Kentucky Association of School Administrators – April Mounce
- ☐ Middle School Administrator appointed by the Kentucky Association of School Administrators – VACANT
- ☐ High School Administrator appointed by the Kentucky Association of School Administrators – Mark

Gannon

- ☒ Executive Director of the Kentucky Center for Mathematics – Dr. Dan McGee
- ☒ Kentucky Department of Education Liaison – Pamela Pickens Guests Present: Meredith Brewer – Kentucky Center for Mathematics

**Agenda Item:** Call to Order and Introduction of Members and Guests

**Discussion/Action:** Chair Ryan Davis called the meeting to order at 9:09 a.m. Present members briefly introduced themselves and identified their representation on the committee.

**Agenda Item:** Approval of November Minutes

**Discussion/Action:** The members reviewed the November meeting minutes. Sue Cain made a motion to approve the minutes as presented. Jenny Bay-Williams seconded the motion. The committee voted and the minutes were approved.

**Agenda Item:** Legislative Updates and Concerns

**Discussion/Action:** The group discussed current legislation recently filed and members provided brief summaries and the connections to the work of the committee. The discussion also included proposed budgets and other legislative updates regarding education. Jimmy Adams from EPSB provided some statistics around teacher prep programs, teacher retention rates and that there is not a teacher shortage, but teachers needed are not distributed across the state. He highlighted that some regions and areas of Kentucky have shortages as a result. Jimmy also shared some ideas around alternative certification routes and how EPSB is trying to provide more options and avenues for certifications.

**Agenda Item:** Response to Proposed Budget Cuts for the Kentucky Center for Mathematics

**Discussion/Action:** Dan McGee shared a brief summary of the work of the Kentucky Center for Mathematics and the development of the center over the last several years. He also shared some statistics related to professional development opportunities. He highlighted the development of the whole child, beginning with support for pre-school teachers. Dan also provided a summary of the current work of the center to share their information and services with others as a result of the proposed budget cuts. He briefly discussed the impact they have already experienced as result of the proposed budget. He shared that several schools have pulled teachers from current training commitments due to the uncertainty of district and school funds moving forward. The center is also seeing an increase of teachers and staff taking other positions for the fear of the center closing in the near future. Karen Heavin stated most people don't understand how "broken" math currently is in the state and how the closing of the center would impact the state. Sue Cain asked about what data is currently available to show the gains academically and the impact of the work of the center. She specifically highlighted the need to communicate the data around the sustainability of academic progress of students. Dan referred the group to the data provided by the KCM on their website and highlighted some of the most significant student data that shows the success of KCM programs. Sue followed up by stating the importance of communicating this data so that all can understand the impact of these programs. She suggested a connection to ACT, because more people overall understand or know about this universal assessment.

Meredith Brewer provided the group with a guided navigation of the current webpage including detailed description of programming, teacher support offerings and student data. The group

provided Dan and Meredith with further feedback and suggestions. The group reviewed and discussed a letter of support for the KCM. Ryan provided the group with a brief background of the development of the strategic plan and the direct connection to the work of KCM, as well as a copy of the letter in support of the center. Group discussion followed and it was suggested to make the following edits: inclusion of a statement or clarification of the connection to technology related careers, clarification or word choice related to the term workplace and inclusion of specific data from KCM. Ryan made the motion for the group to approve the letter of support with the included amendments. Dan seconded the motion. The committee voted and the letter was approved with the noted amendments. Of the voting members present, 14 members voted in favor of the letter while two voting member abstained from the vote.

**Agenda Item:** Additional Legislative Updates and Concerns

**Discussion/Action:** Following the discussion from earlier in the day regarding legislative updates and concerns, the group decided to revisit several of the items brought up by members. The full group decided to break up into four smaller groups to discuss each of the four topics: Kentucky Teacher Internship Program (KTIP), Dual Credit, Professional Development and Mathematics Achievement Fund (MAF). Following the small group discussions, each group reported back to the full committee present. Each group summarized the small group discussion and the recommendation on the possible next steps. Full committee discussion followed and decided not to move forward with individual statements. The group decided it would be best to focus on the statement in support of the Kentucky Center for Mathematics.

**Lunch Break 11:00 – 12:15 p.m.**

**Agenda Item:** CMA Subcommittee Presentations and Updates

**Discussion/Action:**

- Intervention – Scotty Bratcher provided an update from this subcommittee. The group used the previous feedback from the full committee to revise a definition of a quality mathematics intervention teacher, as well as the principal-friendly definition. Discussion followed.
- Assessment – The group provided an update from this subcommittee, including details related to current standards work and the new accountability system. Discussion followed.

Effective Instruction – The group summarized the idea of organizing resources and mathematics trainings around the state, including regional support. They highlighted the need for strong communication on these topics. It was suggested for KDE to take the lead on managing this type of resource. Discussion followed.

**Agenda Item:** CMA Subcommittee Work Session

**Discussion/Action:** Subcommittees met to work on tasks to push on the CMA's Strategic Plan

**Agenda Item:** Pre-Service Fieldwork Requirements presentation, discussion and feedback

**Discussion/Action:** Edna Schack provided a summary and update on the discussion related to the number of hours required in pre-service fieldwork for individuals in teacher prep programs.

After discussions previously with EPSB, it was concluded pre-service hours were being met and it was simply clarification on language on

what hours met the requirements. The group also discussed briefly cost related to background checks for pre- service teachers and how this fee is being handled at different institutes. Discussion followed.

**Other Items:**

The committee adjourned at 2:27 p.m. Due to the change of the January meeting to the February date, the group discussed when the next meeting date would be best for addressing future agenda items. Group discussion followed regarding potential meeting dates and needs of the group. Ryan Davis will send out a poll to capture potential dates in mid-April or early-May. Ryan will send out an email regarding possible dates for the next in-person meeting. The date will be selected based on what works for a majority of the committee.